

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	832095	embedded or embedding or hide or hidden or hiding or insert or inserting	US-PGPUB; USPAT	AND	OFF	2004/11/17 09:39
S2	1235906	data or message or watermark or authentication or signature	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:15
S3	643449	lossless or reversible or reverse or reinsert or restore or distortion-free	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:11
S4	786830	audio or video or image	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:12
S5	41426	S1 and S2 and S3 and S4	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:14
S6	97540	subset or bitstream	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:14
S7	10197	S5 and S6	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:15
S8	628	steganograph\$3	US-PGPUB; USPAT	AND	OFF	2004/11/04 12:39
S9	166	S7 and S8	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:17
S10	42	S9 not rhoads	US-PGPUB; USPAT	AND	OFF	2004/11/04 11:17
S11	271	steganograph\$3 not (rhoads or moskowitz)	US-PGPUB; USPAT	AND	OFF	2004/11/17 12:08
S12	1	"5646997".pn.	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:39
S13	1	("4639548").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/04 15:35
S15	832095	embedded or embedding or hide or hidden or hiding or insert or inserting	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:25
S16	1235906	data or message or watermark or authentication or signature	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:40
S17	643449	lossless or reversible or reverse or reinsert or restore or distortion-free	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:40
S20	97540	subset or bitstream	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:40
S24	18291	S15 and S16 and S17 and S20	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:54
S25	10197	S24 and (audio or video or image)	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:55
S26	29033	S15 near3 S16	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:56
S27	257	S26 with S17	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:56
S28	60	S27 and S20	US-PGPUB; USPAT	AND	OFF	2004/11/04 15:56
S29	0	("2003/0081809").URPN.	USPAT	AND	OFF	2004/11/04 16:25

S30	1346	382/100.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:25
S31	835033	embedded or embedding or hide or hidden or hiding or insert or inserting	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:25
S32	984	S30 and S31	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:25
S33	1241122	data or message or watermark or authentication or signature	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:44
S34	980	S32 and S33	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:26
S35	624	S34 not (rhoads or moskowitz)	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:27
S36	98118	subset or bitstream	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:27
S37	132	S35 and S36	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:59
S38	790003	audio or video or image	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:27
S39	129	S37 and S38	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:59
S40	645349	lossless or reversible or reverse or reinsert or restore or distortion-free	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:28
S41	37	S39 and S40	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:30
S42	37796	S31 near5 S33	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:46
S43	211	S40 near5 S42	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:46
S44	170	S43 and S38	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:46
S45	146	S44 not (rhoads or moskowitz)	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:47
S46	40	S45 and S36	US-PGPUB; USPAT	AND	OFF	2004/11/16 15:50
S47	3	("5875249" "5960081" "6094483").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:20
S48	2	S30 and (invert\$4 adj1 noise)	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:21
S49	100	S30 and (adding near2 noise)	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:29
S50	33	S30 and flipping	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:41
S51	352	713/150.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:41

S52	35	("4433207" "4639548" "4750173" "4943973" "4969041" "5161210" "5200822" "5243423" "5319735" "5327237" "5387941" "5450490" "5530751" "5539471" "5557333" "5568570" "5572247" "5574962" "5578102" "5579124" "5581800" "5587743" "5606609" "5636995" "5671277").PN. OR ("6047374").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/16 17:49
S53	1440	compress\$3 near5 bitstream	US-PGPUB; USPAT	AND	OFF	2004/11/17 09:40
S55	10	S53 and 382/100.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/17 10:09
S56	835033	embedded or embedding or hide or hidden or hiding or insert or inserting	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:32
S57	355	S56 near3 bitstream	US-PGPUB; USPAT	AND	OFF	2004/11/17 10:10
S58	133	S57 and S53	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:15
S59	119001	digital and (message or watermark or authentication or signature)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:15
S60	47165	S59 and S56	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:17
S61	645349	lossless or reversible or reverse or reinsert or restore or distortion-free	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:17
S62	15448	S60 and S61	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:17
S63	771	S62 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:18
S64	231	S63 and subset	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:18
S65	11	S64 and flipping	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:23
S66	15	flipping near4 noise	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:23
S67	580	S61 adj2 S56	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:41
S68	212	S61 adj1 S56	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:34
S69	3	S68 adj2 (message or watermark or authentication or signature)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:34
S70	6	S68 adj5 (message or watermark or authentication or signature)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:40
S71	6	S68 adj7 (message or watermark or authentication or signature)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:40
S72	11	S67 adj5 (message or watermark or authentication or signature)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:45
S73	4	subset near4 bitplane	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:46

S74	4	subset near7 bitplane	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:47
S75	74547	(discrimination or prediction) function	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:49
S76	10022	S75 and pixels	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:48
S77	198	382/100.ccls. and S75	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:49
S78	2242	(discrimination or prediction) near2 function	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:49
S79	3	382/100.ccls. and S78	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:51
S80	108	382/100.ccls. and (scan\$4 near3 pattern)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:52
S81	34	382/100.ccls. and (scan\$4 adj3 pattern)	US-PGPUB; USPAT	AND	OFF	2004/11/17 11:52
S82	180	steganograph\$3 not (rhoads or moskowitz) and (watermark or authorization)	US-PGPUB; USPAT	AND	OFF	2004/11/17 12:09
S83	790003	audio or video or image	US-PGPUB; USPAT	AND	OFF	2004/11/17 12:09
S84	173	S82 and S83	US-PGPUB; USPAT	AND	OFF	2004/11/17 12:09
S85	1	("4639548").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/23 13:23
S86	7999	380/210,252,287,54, 51;713/176;370/522-529;382/100, 232;348/460, 463;386/94;725/20-22;704/200.1,273.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:53
S87	672	steganograph\$	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:11
S88	2410	(digital\$4 or electronic\$4) near4 watermark\$4	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:12
S89	26709	(data or information) near4 (hid\$4 or embed\$4)	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:12
S90	145081	(lossless\$3 or reversibl\$3 or reinsert\$3)	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:09
S91	430	S86 and S87	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:22
S92	137	S91 and S90	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:13
S93	115	S92 and S88	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:19
S94	0	S93 nad S89	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:14
S95	1	S93 and bitplane	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:20
S98	2	S93 and bitstream	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:20

S99	1157	S86 and S88	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:22
S100	1601	S86 and S89	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:22
S101	284	S100 and S90	US-PGPUB; USPAT	AND	OFF	2004/12/01 17:38
S103	141	S101 and compress	US-PGPUB; USPAT	AND	OFF	2004/12/01 16:24
S104	143	S101 not S103	US-PGPUB; USPAT	AND	OFF	2004/12/01 17:38
S105	19	(US-20010046307-\$ or US-20020048405-\$ or US-20020051559-\$ or US-20020146123-\$ or US-20030048921-\$ or US-20030095685-\$).did. or (US-5646997-\$ or US-5659726-\$ or US-5912972-\$ or US-6031914-\$ or US-6115818-\$ or US-6192139-\$ or US-6278791-\$ or US-6510247-\$ or US-6546139-\$ or US-6580806-\$ or US-6633652-\$ or US-6674873-\$ or US-6744907-\$).did.	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:35
S106	6	S105 and sample	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:36
S107	7	S105 and samples	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:38
S108	0	S105 and flipping	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:38
S109	10	S105 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/02 10:38
S110	8016	380/210,252,287,54, 51;713/176;370/522-529;382/100, 232;348/460, 463;386/94;725/20-22;704/200.1,273.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:12
S111	47	S110 and ((flipping or discrimination or prediction) adj3 function)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:04
S112	1	S110 and (invertible adj1 noise)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:16
S113	72	S110 and (flipping)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:02
S114	3	S110 and (flipping near7 noise)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:02
S115	328	S110 and (discrimination function)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:04
S116	20	S110 and (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:34
S117	146	S110 and (adding adj1 noise)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:07
S118	71	(adding adj1 noise) and flipping	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:14
S119	0	(adding adj1 noise) and (prediction adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:12

S120	2	(adding adj1 noise) and (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:13
S121	3	((adding or creating or making) adj1 noise) and (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:13
S122	75	((adding or creating or making) adj1 noise) and flipping	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:16
S123	4	S122 not S118	US-PGPUB; USPAT	AND	OFF	2004/12/02 11:14
S125	10	((adding or creating or making) adj1 noise) same embedding	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:52
S126	8016	380/210,252,287,54, 51;713/176;370/522-529;382/100, 232;348/460, 463;386/94;725/20-22;704/200.1,273.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:32
S127	241	S126 and permutat\$4	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:37
S128	26	S127 and lossless	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:16
S129	43	382/100.ccls. and permutat\$4	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:17
S130	10	S129 and (gr\$1y adj1 scale)	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:18
S131	0	(S126 and permutat\$4) near5 pixels	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:24
S132	0	(S126 and permutat\$4) near5 (scale or level)	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:24
S133	0	(S126 and permutat\$4) near5 value	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:24
S134	0	(S126 and permutat\$4) with (gr\$1y adj1 scale)	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:25
S135	165	S127 and image	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:26
S136	68	S135 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:26
S137	6	S126 and permutat\$4 and flipping	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:29
S138	31	("4528588" "4571642" "4595950" "4663674" "4916736" "4924328" "4956806" "5134496" "5179452" "5243411" "5251041" "5294974" "5359725" "5416915" "5471252" "5504892" "5530751" "5537216" "5537588" "5548759" "5561815" "5574787" "5579390" "5586327" "5636292" "5651065" "5659791" "5739864" "5809139" "5850481" "5960081").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/12/02 17:30
S139	689	S126 and flip\$4	US-PGPUB; USPAT	AND	OFF	2004/12/02 17:39
S142	567	S126 and flip\$4	USPAT	AND	OFF	2004/12/02 17:40
S143	186	S142 and "382"/\$.ccls.	USPAT	AND	OFF	2004/12/02 17:58

S144	129	382/244.ccls.	USPAT	AND	OFF	2004/12/03 10:53
S145	142	380/268.ccls.	USPAT	AND	OFF	2004/12/03 11:13
S146	963	(switch\$4 or swap\$4 or flip\$4 or chang\$4) near5 (gray adj1 scale)	USPAT	AND	OFF	2004/12/03 14:55
S147	218	S146 and noise	USPAT	AND	OFF	2004/12/03 11:17
S148	12	S146 near7 noise	USPAT	AND	OFF	2004/12/03 11:16
S152	8016	380/210,252,287,54, 51;713/176;370/522-529;382/100, 232;348/460, 463;386/94;725/20-22;704/200.1,273.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:34
S153	9	S152 and (prediction adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:35
S154	743	S152 and (prediction)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:35
S155	1123	S152 and (prediction or discrimination)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:35
S156	158	((adding or creating or making) adj1 noise) and S152	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:48
S157	0	(negating near4 bit) near4 (gray adj1 scale)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:49
S158	0	negating near4 (gray adj1 scale)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:49
S159	0	negating near7 (gray adj1 scale)	US-PGPUB; USPAT	AND	OFF	2004/12/03 11:49
S160	168	((adding or creating or making) adj1 noise) and embedding	US-PGPUB; USPAT	AND	OFF	2004/12/03 12:12
S161	579	run\$1 lengths	US-PGPUB; USPAT	AND	OFF	2004/12/03 12:22
S162	7	run\$1 lengths near3 increase	US-PGPUB; USPAT	AND	OFF	2004/12/03 12:13
S163	10	S152 and (level adj1 pair)	US-PGPUB; USPAT	AND	OFF	2004/12/03 12:21
S164	22	run\$1 lengths and S152	US-PGPUB; USPAT	AND	OFF	2004/12/03 12:22
S165	388	382/166.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/03 13:56
S166	358	382/166.ccls. and compress\$4	US-PGPUB; USPAT	AND	OFF	2004/12/03 13:57
S167	52	S166 and run\$1 length	US-PGPUB; USPAT	AND	OFF	2004/12/03 13:59
S168	4	S152 and ((uncompressed adj1 image) near3 format\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:01
S169	550	S152 and (uncompressed)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:01
S170	34	S152 and (uncompressed adj1 format)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:30
S172	0	increase adj1 (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:37

S173	5	increase adj3 (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:38
S174	6	increase near5 (discrimination adj1 function)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:47
S175	18	flipping adj1 function	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:54
S176	3	flipping with (gray\$1scale)	US-PGPUB; USPAT	AND	OFF	2004/12/03 14:54
S177	234	(switch\$4 or flip\$4 or exchang\$4) near5 (gray adj1 scale)	USPAT	AND	OFF	2004/12/03 14:56
S178	23	S177 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:05
S179	0	compressible adj1 subset	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:06
S180	1	compressible adj1 subsets	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:06
S181	18	compressible adj1 set	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:07
S182	1	compressible adj1 group	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:07
S183	2	losslessly near1 compressible	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:10
S184	2	losslessly near4 compressible	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:32
S185	97	((flip\$4 or polar\$7 or chang\$4 or switch\$3) near5 pixel) with watermark	US-PGPUB; USPAT	AND	OFF	2004/12/03 16:22
S186	54	((flip\$4 or polar\$7 or chang\$4 or switch\$3) near5 pixel) near10 watermark	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:36
S187	56	((flip\$4 or polar\$7 or chang\$4 or switch\$3) near5 (amplitude or pixel)) near10 watermark	US-PGPUB; USPAT	AND	OFF	2004/12/03 15:36
S188	43	S185 not S187	US-PGPUB; USPAT	AND	OFF	2004/12/03 16:47
S189	18	(image near4 composed) near2 samples	US-PGPUB; USPAT	AND	OFF	2004/12/03 16:47